

## THE INSTITUTION OF ENGINEERS, BANGLADESH (IEB)

**SHAHEED PROKAUSHALI BHABAN, HEADQUARTERS, RAMNA, DHAKA-1000**

PROGRAMME FOR SECTION "A" AND SECTION "B" OF AMIE EXAMINATION, OCTOBER - 2023.  
EXAMINATION CENTRE: DHAKA (BUET), CHATTOGRAM (CUET), KHULNA (KUET) AND RAJSHAHI (RUET).

**TIME: 2:00 PM TO 5:00 PM**

DATE & DAY	SUBJECTS
27 NOVEMBER, 2023 MONDAY	1. FLUID MECHANICS & MACHINERIES (B, OLD CIVIL & MECH), (B, NEW MECH) 2. TRANSPORTATION AND HIGHWAY ENGINEERING (B, NEW CIVIL) 3. ENGINEERING GEOLOGY AND GEOMORPHOLOGY (B, NEW CIVIL) 4. POWER STATION (B, OLD ELECT), (B, NEW EEE) 5. CHEMISTRY (SEC. A NEW)
28 NOVEMBER, 2023 TUESDAY	1. STRUCTURAL ANALYSIS (B, OLD CIVIL), (B, NEW CIVIL) 2. RAILWAY AND AIRPORT ENGINEERING (B, OLD CIVIL) (B, NEW CIVIL) 3. INDUSTRIAL ADMINISTRATION AND MANAGEMENT (B, OLD MECH), (B, NEW ME, EEE) 4. ELECTRICAL MACHINES (B, OLD ELECT) 5. ENGINEERING MATHEMATICS (SEC. A OLD) 6. MATHEMATICS - II (SEC. A NEW)
29 NOVEMBER, 2023 WEDNESDAY	1. SOCIO-ECONOMIC ASPECTS OF DEVELOPMENT PROJECTS (B, NEW CIVIL) 2. ENGINEERING THERMODYNAMICS (B, NEW MECH) 3. POWER AND INDUSTRIAL ELECTRONICS (B, NEW EEE) 4. BASIC FLUID MECHANICS (SEC. A OLD & NEW)
02 DECEMBER, 2023 SATURDAY	1. WATER SUPPLY AND SANITATION ENGINEERING (B, NEW CIVIL) 2. SWITCH GEAR AND PROTECTIVE DEVICES (B OLD ELECT) 3. ELECTRONIC CIRCUIT ANALYSIS (B, NEW EEE) 4. INDUSTRIAL STOICHIOMETRY (B, OLD CHE), (SEC. A NEW) 5. MATHEMATICS - I (SEC. A NEW)
03 DECEMBER, 2023 SUNDAY	1. HYDROLOGY, IRRIGATION AND FLOOD MANAGEMENT (B, NEW CIVIL) 2. POWER SYSTEM PROTECTION (B, NEW EEE) 3. STRENGTH OF MATERIALS (SEC. A OLD & NEW) 4. HEAT AND MASS TRANSFER (A OLD), (B, NEW MECH) 5. THERMAL ENGINEERING (SEC. A OLD & NEW)
04 DECEMBER, 2023 MONDAY	1. TECHNIQUES AND MANAGEMENT OF BUILDING CONSTRUCTION (B, OLD CIVIL) 2. PROJECT PLANNING AND CONSTRUCTION MANAGEMENT (B NEW CIVIL) 3. REFRIGERATION & AIRCONDITIONING (B, OLD MECH), (B, NEW MECH) 4. SEMICONDUCTOR DEVICES (B, OLD ELECT) 5. ENERGY CONVERSION AND ELECTRICAL MACHINES (B NEW EEE) 6. PHYSICS (SEC. A OLD & NEW)
06 DECEMBER, 2023 WEDNESDAY	1. REINFORCED CONCRETE STRUCTURES (B, OLD CIVIL), (B, NEW CIVIL) 2. APPLIED THERMODYNAMICS (B, OLD MECH) 3. TRANSMISSION & DISTRIBUTION OF ELECTRICAL POWER (B, OLD ELECT) 4. POWER SYSTEM ANALYSIS (B, NEW EEE) 5. ENGLISH AND ECONOMICS (SEC. A NEW) 6. GEODESY (SEC. A OLD)
09 DECEMBER, 2023 SATURDAY	1.** STRUCTURAL DESIGN (B, OLD CIVIL), (B, NEW CIVIL) 2.** MACHINE DESIGN (B, OLD MECH), (B, NEW MECH) 3.** PROCESS DESIGN (B, OLD CHE) 4. INSTRUMENTATION AND CONTROL ENGINEERING (B, NEW MECH) 5. ELECTRIC TRANSMISSION AND DISTRIBUTION SYSTEM (B, NEW EEE) 6. ENGINEERING MECHANICS (SEC. A OLD & NEW)
10 DECEMBER, 2023 SUNDAY	1. COMPUTER FUNDAMENTALS (B, OLD CIVIL, MECH, ELECT & CHE), (B, NEW CIVIL, ME, EEE) 2. ENGINEERING MATERIALS (SEC. A OLD & NEW) 3. ENGINEERING DRAWING (ME/EEE/ CH. E) (SEC. A OLD & NEW)
11 DECEMBER, 2023 MONDAY	1. HYDROLOGY (B, OLD CIVIL) 2. MANUFACTURING PROCESS (B, OLD MECH) , (B NEW MECH) 3. MEASUREMENT & INSTRUMENTATION (B, OLD ELECT), (B, NEW EEE) 4. ENGINEERING DRAWING (CIVIL), (SEC. A OLD & NEW) 5. ELEMENTARY ELECTRONICS (SEC. A OLD & NEW) 6. BASIC ELECTRICAL ENGINEERING (SEC. A OLD & NEW)
12 DECEMBER, 2023 TUESDAY	1. SOIL MECHANICS & FOUNDATION (B, OLD CIVIL/ GEOTECHNICAL AND FOUNDATON ENGINEERING (B, NEW CIVIL) 2. PROFESSIONAL, PRACTICES AND COMMUNICATIONS (B, NEW CIVIL) 3. POWER PLANT ENGINEERING (B, OLD MECH), (B, NEW MECH) 4. NETWORK ANALYSIS (B, OLD ELECT), (B, NEW EEE) 5. ELEMENTARY ELECTRICAL ENGINEERING (SEC. A OLD & NEW)
13 DECEMBER, 2023 WEDNESDAY	1. IRRIGATION, FLOOD CONTROL & DRAINAGE (B, OLD CIVIL) 2. OPEN CHANNEL HYDRAULICS AND RIVER TRAINING (B, NEW CIVIL) 3. THEORY OF MACHINES (B, OLD MECH), (B, NEW MECH) 4. POWER SYSTEM ANALYSIS (B, OLD ELECT) 5. DIGITAL ELECTRONICS (B, NEW EEE) 6. PROPERTIES & MECHANICS OF MATERIALS (SEC. A OLD & NEW) 7. SCIENCE OF MATERIALS (SEC. A OLD & NEW) 8. SURVEYING (SEC. A NEW)

\*\* Duration of Examination on Structural Design, Machine Design and Process Design will be 4 (Four) hours.

N.B. The programme is subject to change, if any, required under special circumstances.

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**INSTRUCTIONS TO THE CANDIDATES**

1. Candidates are instructed to read the rules for guidance of AMIE Examination carefully and to follow these instructions meticulously.
2. When using drawing sheets, the candidates should write their Roll Numbers, Registration Numbers etc. only in the space marked for the purpose.
3. **Clearly write down the Registration No. and Roll No. at the appropriate place in the script. Do not write your name anywhere in the script. If your name appears anywhere in the script that will render you liable to disciplinary rules resulting in cancellation of the examination of that course.**
4. Result will be kept withheld if it is found that Annual Subscription has not been cleared up to 2023-2024 (V/33 of the Rules and Syllabus).
5. Candidates are to note that the present examination will be held at **Dhaka, Chattogram, Khulna and Rajshahi.**
6. Candidates of Section “A” Examination are required to pass the optional subjects of the Section “A” Examination which is pre-requisite for a particular branch of engineering in the Section “B” Examination.
7. **CANDIDATES SHOULD NOTE THAT THEY MUST PASS ALL THE REQUIRED SUBJECTS OF SECTION “A” BEFORE THEY APPEAR IN SECTION “B” EXAMINATIONS.**

(Professor Dr. Abu Siddique)  
Controller of Examinations, IEB

Memo No. HQ/IEB/EXAM/PROGRAMME/OCTOBER, 2023/2600

Date:29/10/2023

**Copy to :**

1. The President, IEB
2. The Vice-President (Academic & Int.) / (Admin. & Finance) / (HRD)/(S&W), IEB
3. The Honorary General Secretary, IEB
4. Honorary Assistant General Secretary (Academic & Int.) / (Admin. & Finance)/(HRD), (S&W), IEB
5. The Chairman, Dhaka, Chittagong, Khulna and Rajshahi Centre to finalise the venue of the Examination and to take all necessary arrangements.
6. The Honorary Secretary, All Centres, IEB
7. The Secretary, All Sub-Centres, IEB
8. All Members of the Examination Committee, IEB
9. Secretary to Vice Chancellor, Chittagong University of Engineering & Technology (CUET).
10. Secretary to Vice Chancellor, Khulna University of Engineering & Technology (KUET).
11. Secretary to Vice Chancellor, Rajshahi University of Engineering & Technology (RUET).
12. Rector, ESCB
13. Executive Officer, IEB
14. Training Manager, Training Wing, IEB
15. Assistant Executive Officer (Academic)/ (F & A), IEB
16. IT Officer, IEB
17. All Candidates of the Section “A” and Section “B” of AMIE Examination
18. All Section In-charge, IEB
19. Notice Board

(Professor Dr. Mohammed Imamul Hassan Bhuiyan)  
Honorary Deputy Controller of Examinations, IEB